

fig 1a

aerial image intensity vs. horizontal position  
grouped by defocus level  
pattern 1

aerial image intensity vs. horizontal position and focus  
no aberration case

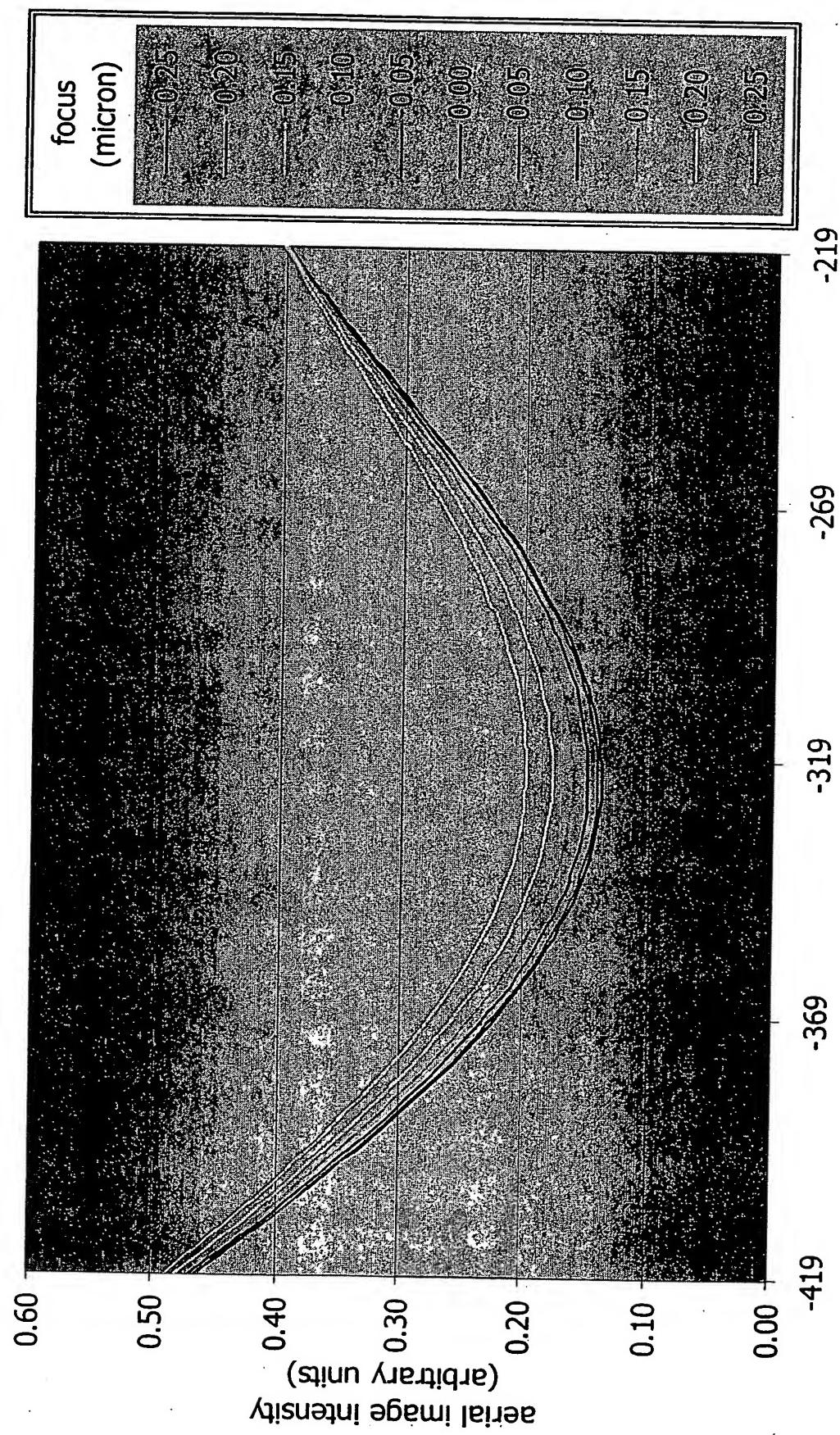


fig 1b

aerial image intensity vs. focus  
grouped by horizontal pixel position

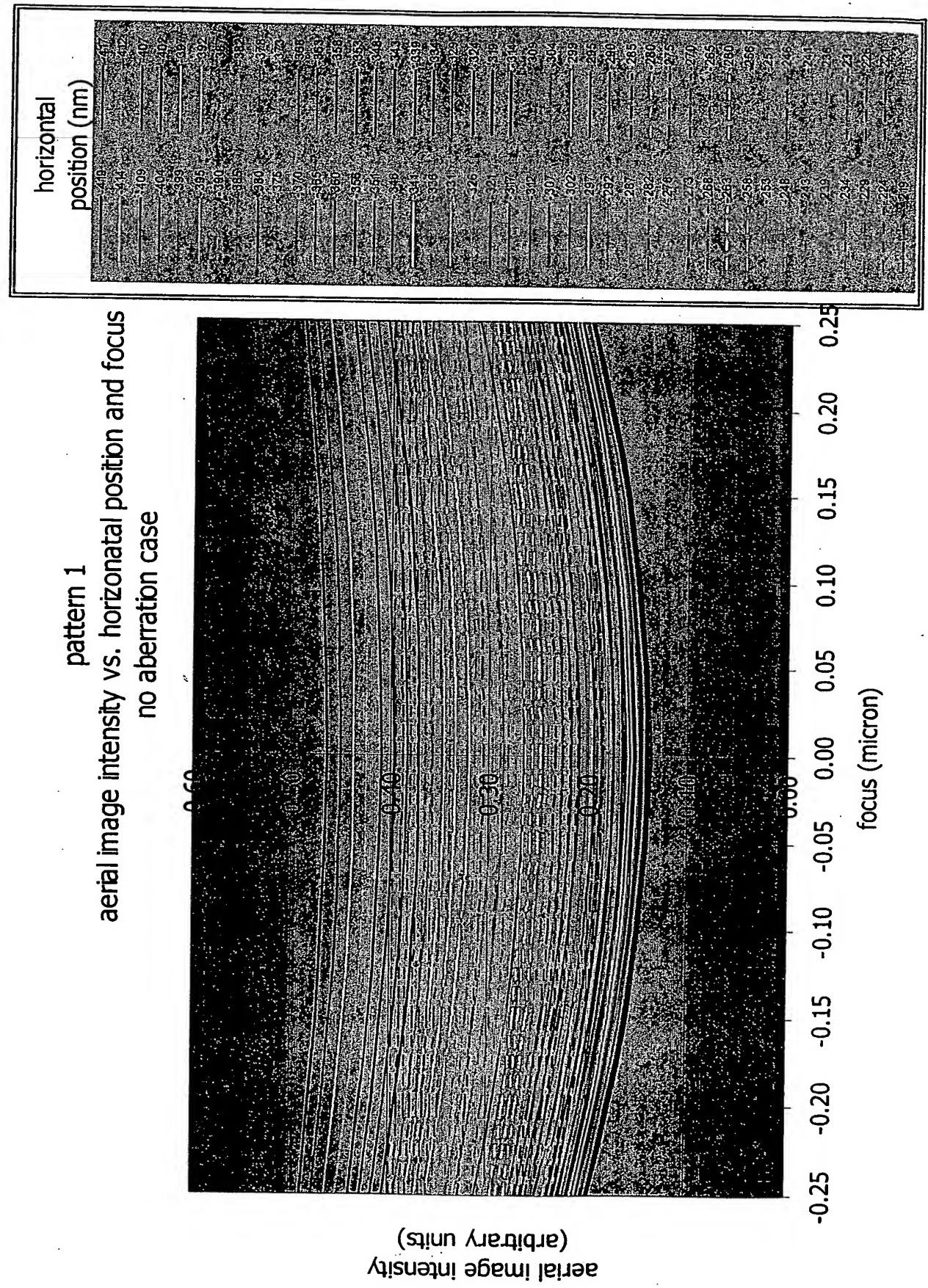


fig 2

aerial image intensity vs. horizontal position and focus

surface plot  
pattern  $p_1$   
aerial image Intensity vs. horizontal position and focus  
no aberration case

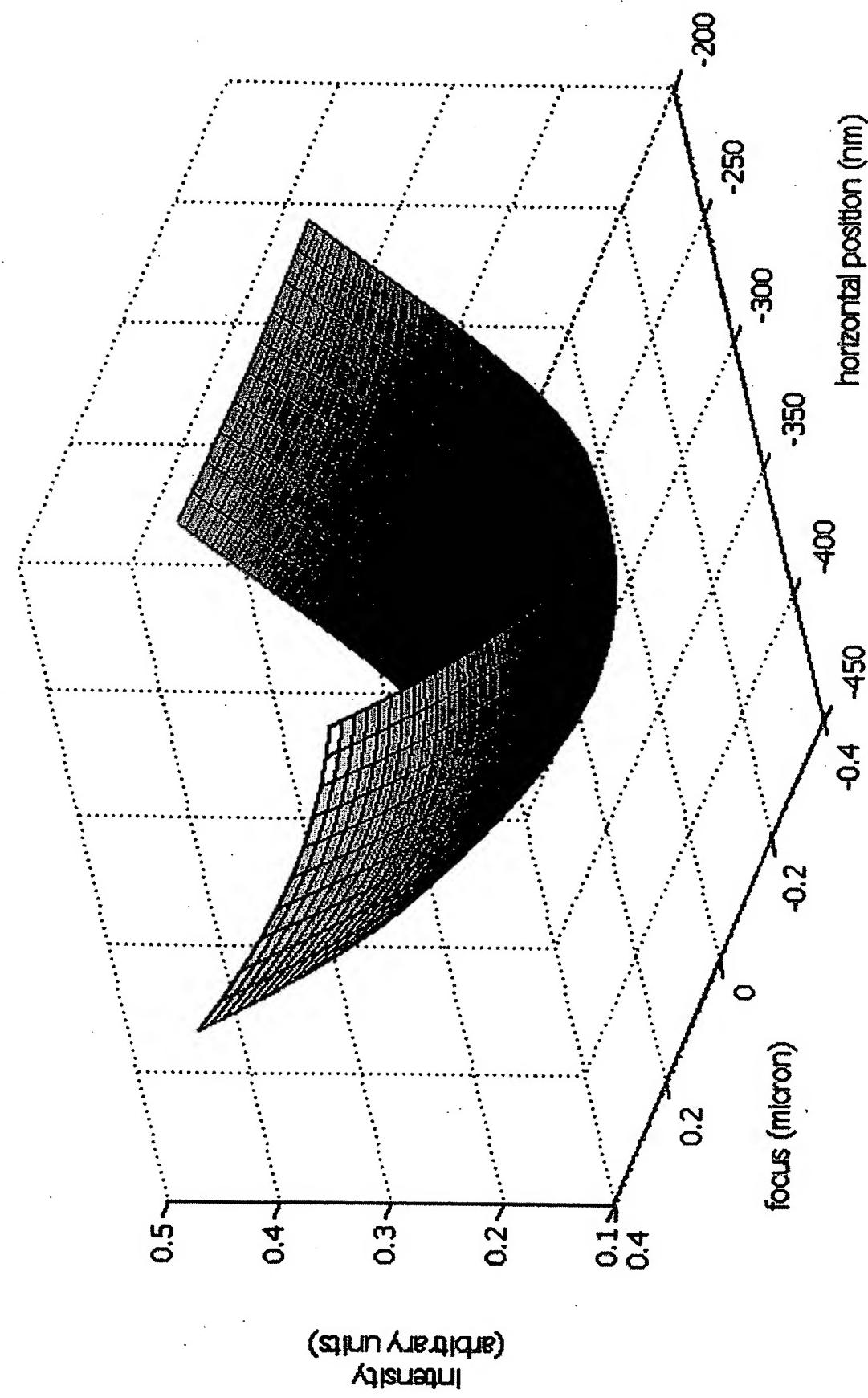
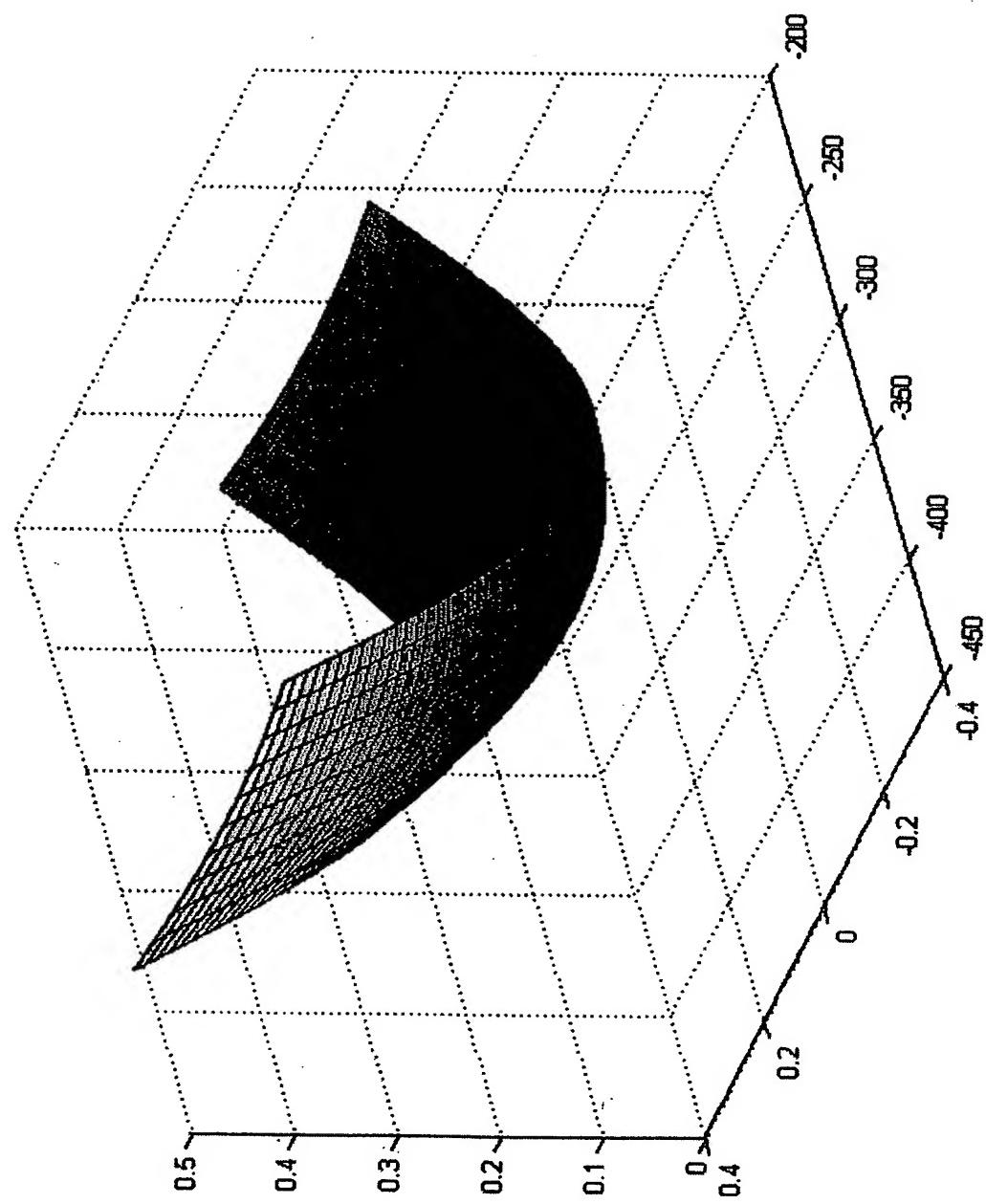


fig 3a

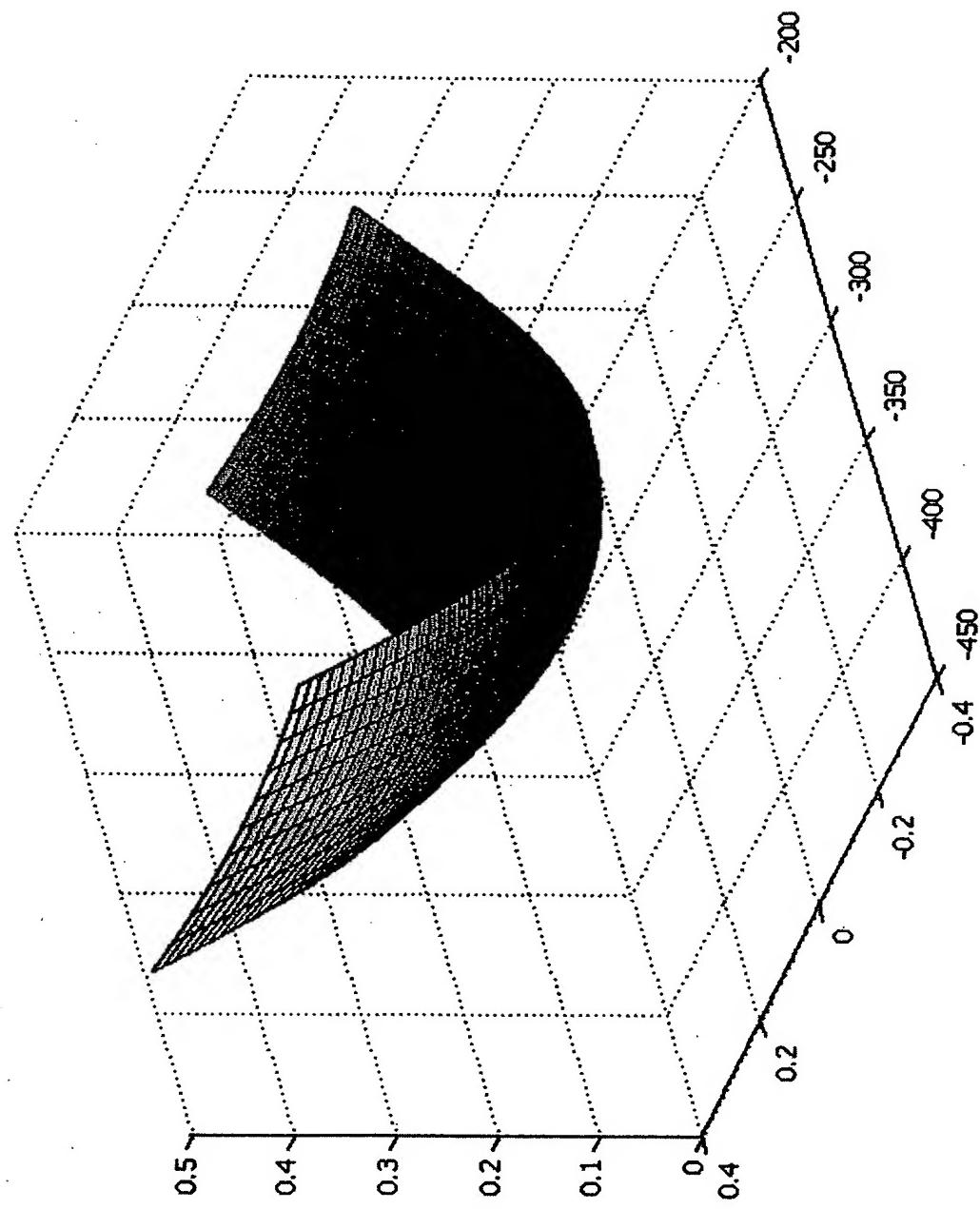
Zernike 2 -0.025 waves rms



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Zernike 2 -0.020 waves rms

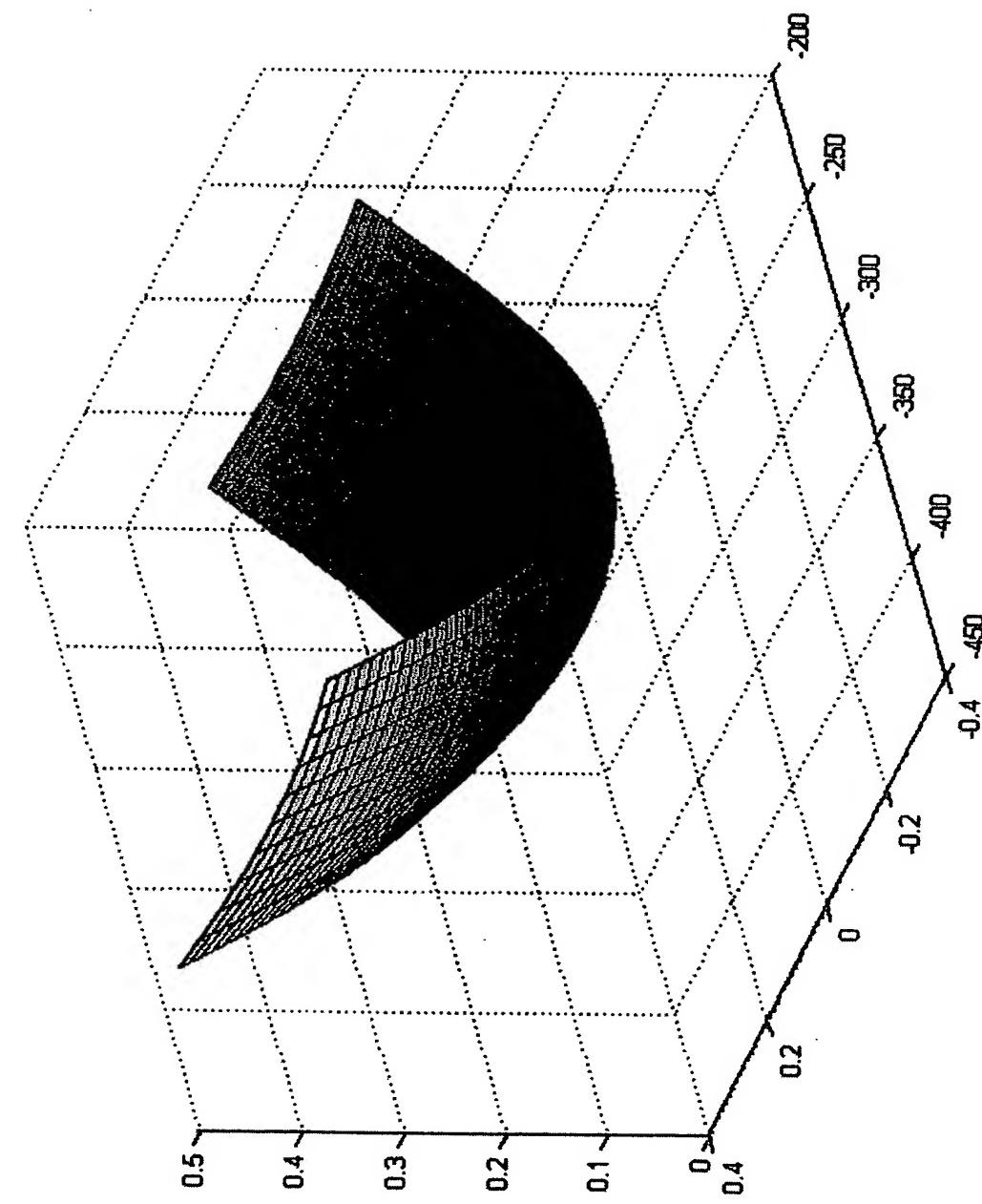
fig 3b



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fig 3c

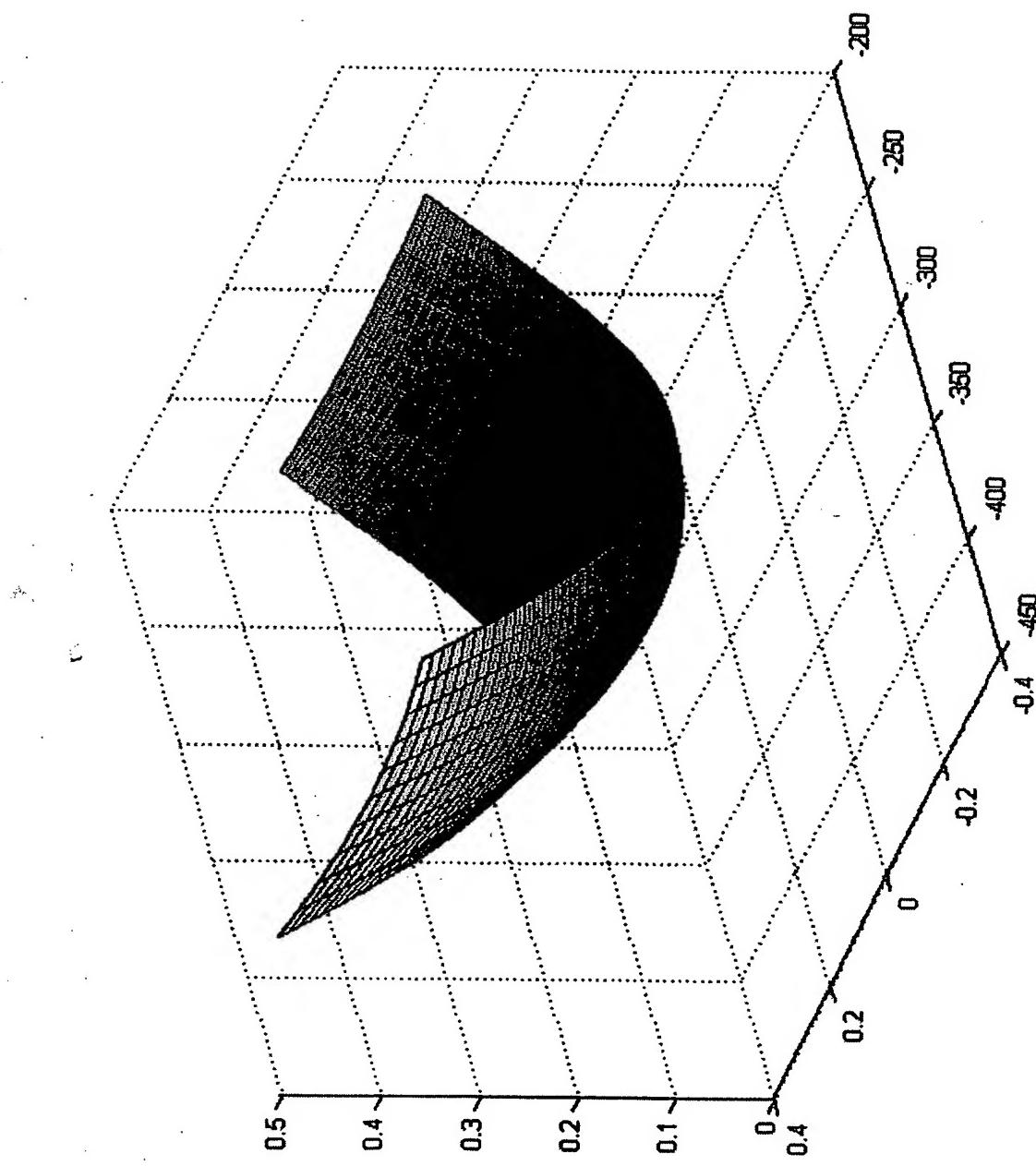
Zernike 2 -0.015 waves rms



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Zernike 2 -0.010 waves rms

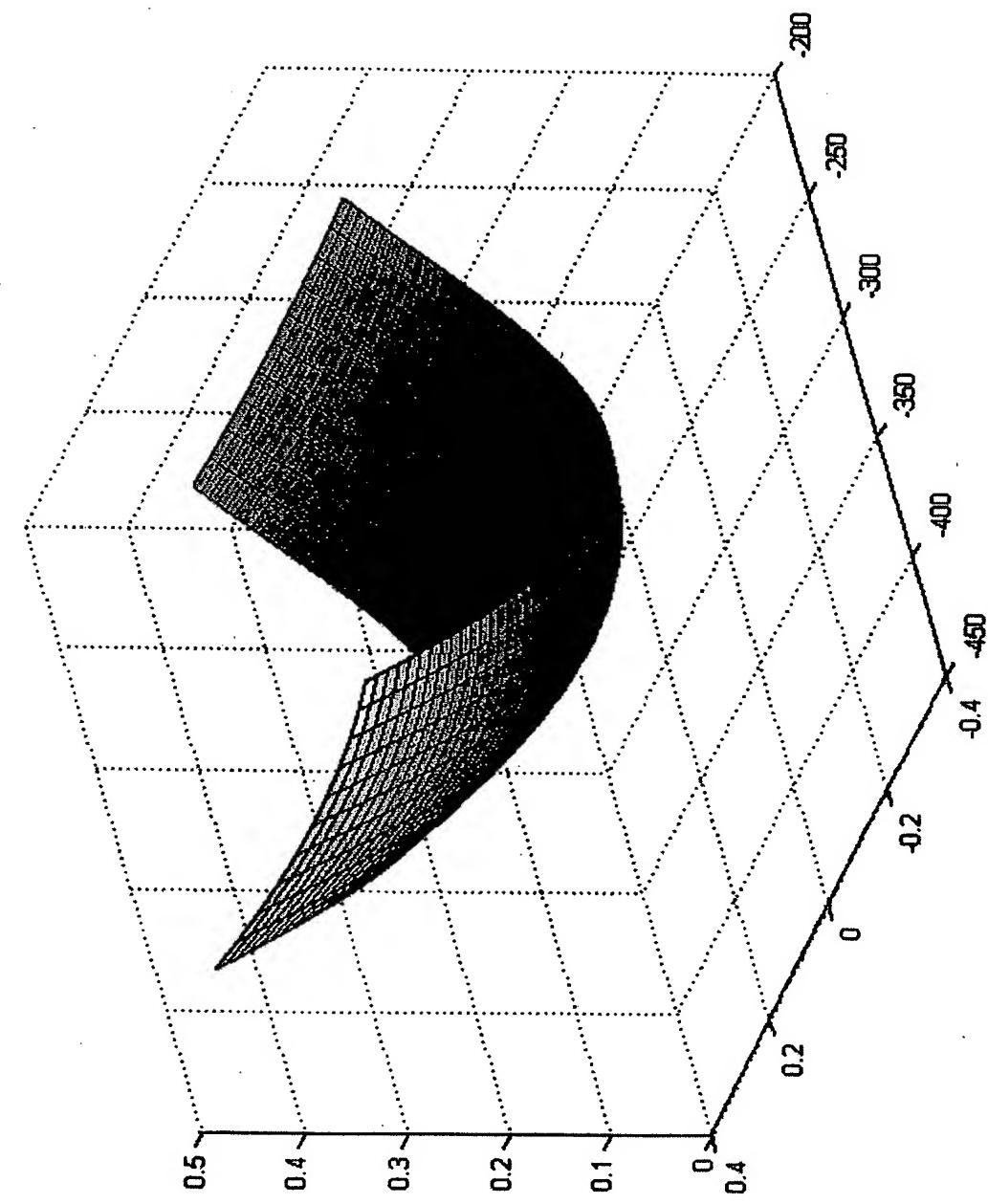
fig 3d



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Zernike 2 -0.005 waves rms

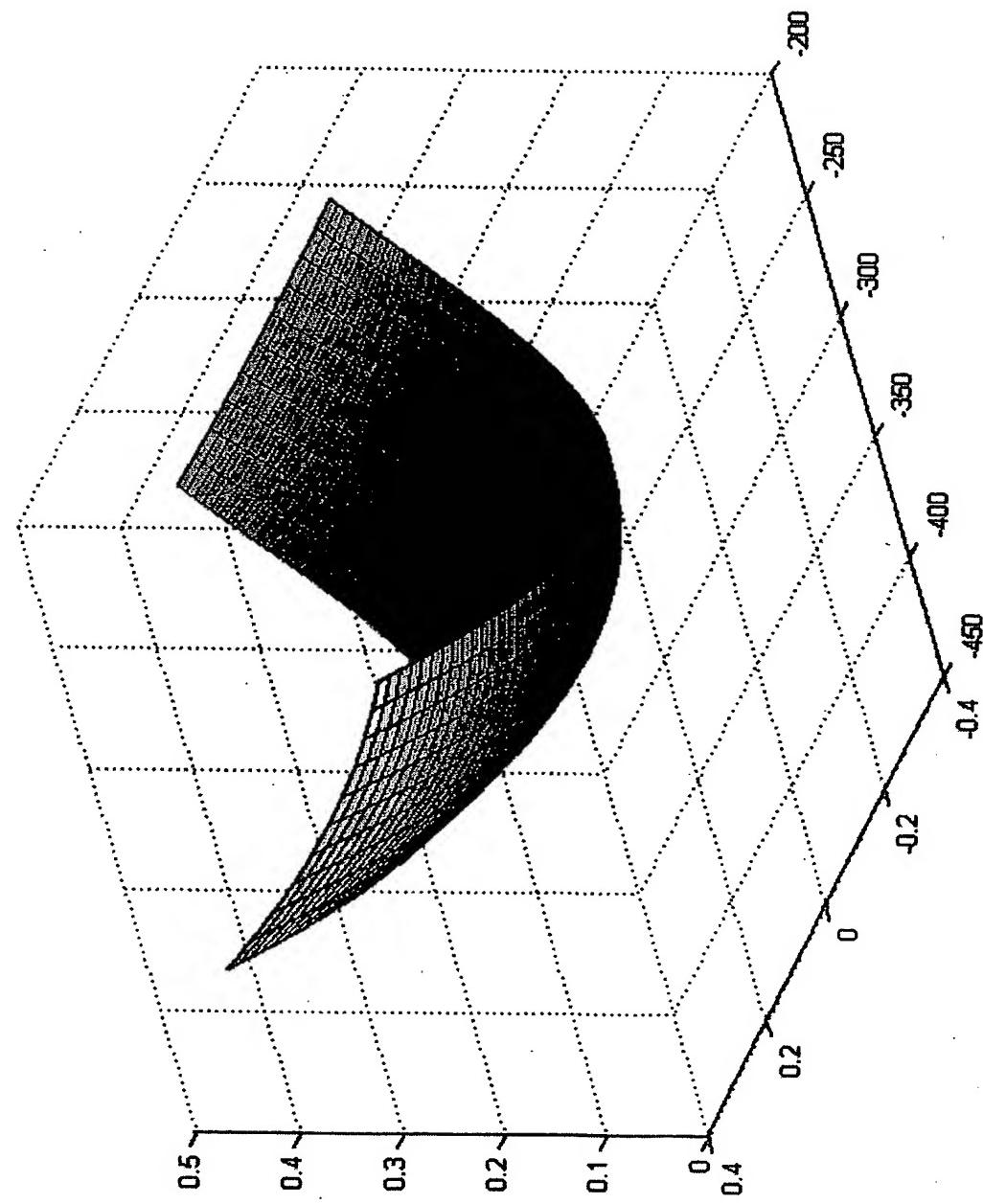
fig 3e



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fig 3f

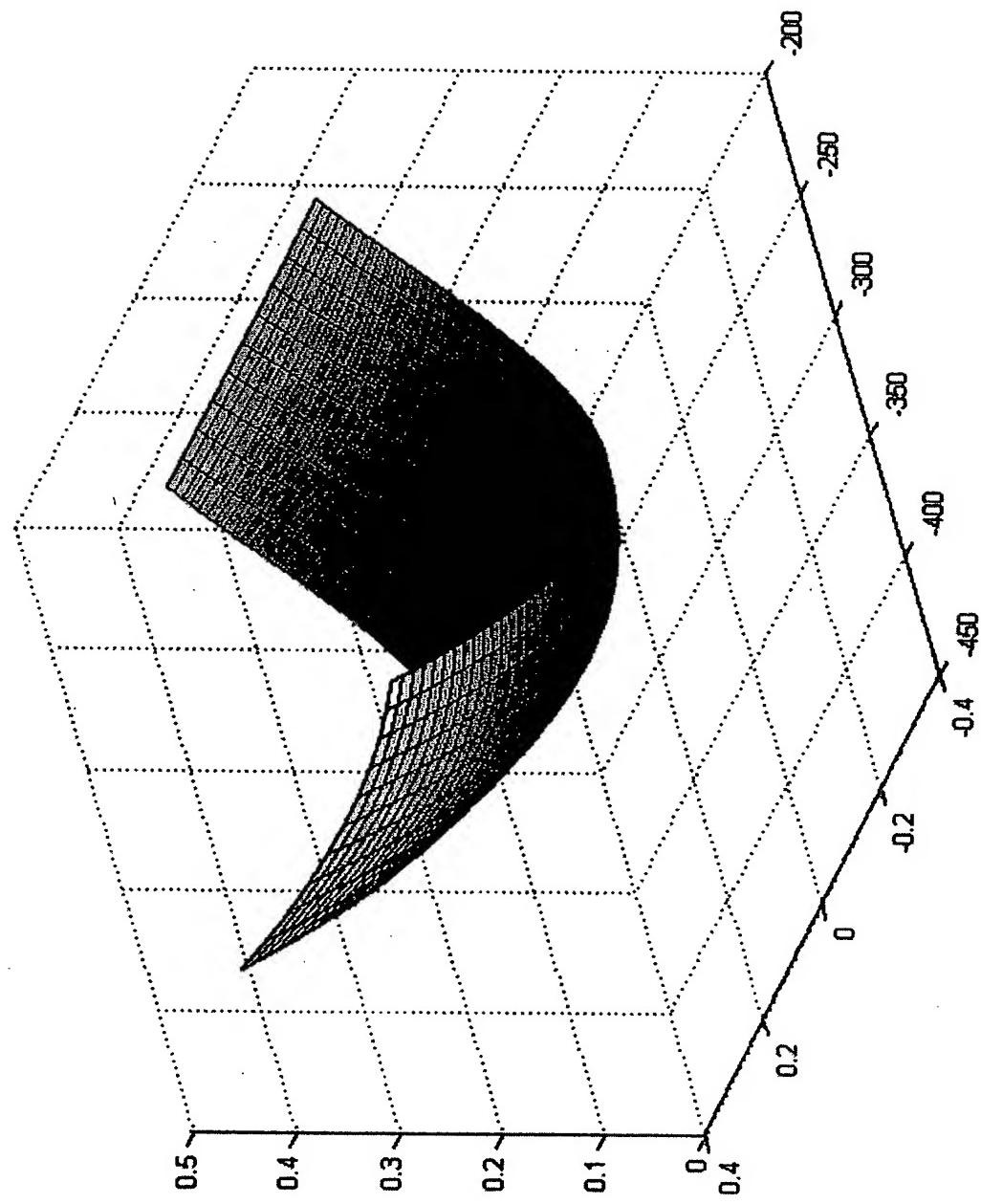
Zernike 2 0 waves rms (=no aberration case)



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Zernike 2 +0.005 waves rms

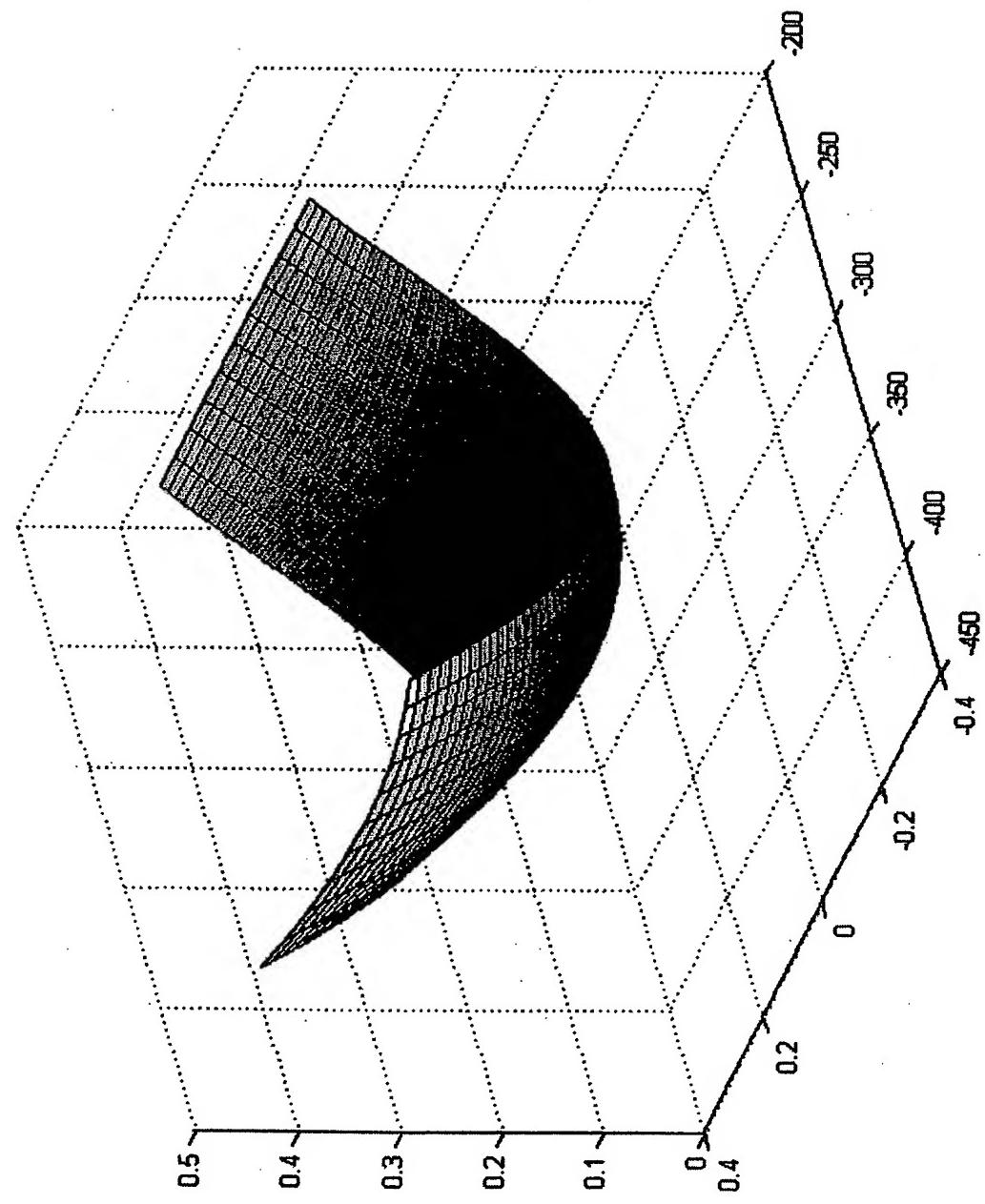
fig 3g



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fig 3h

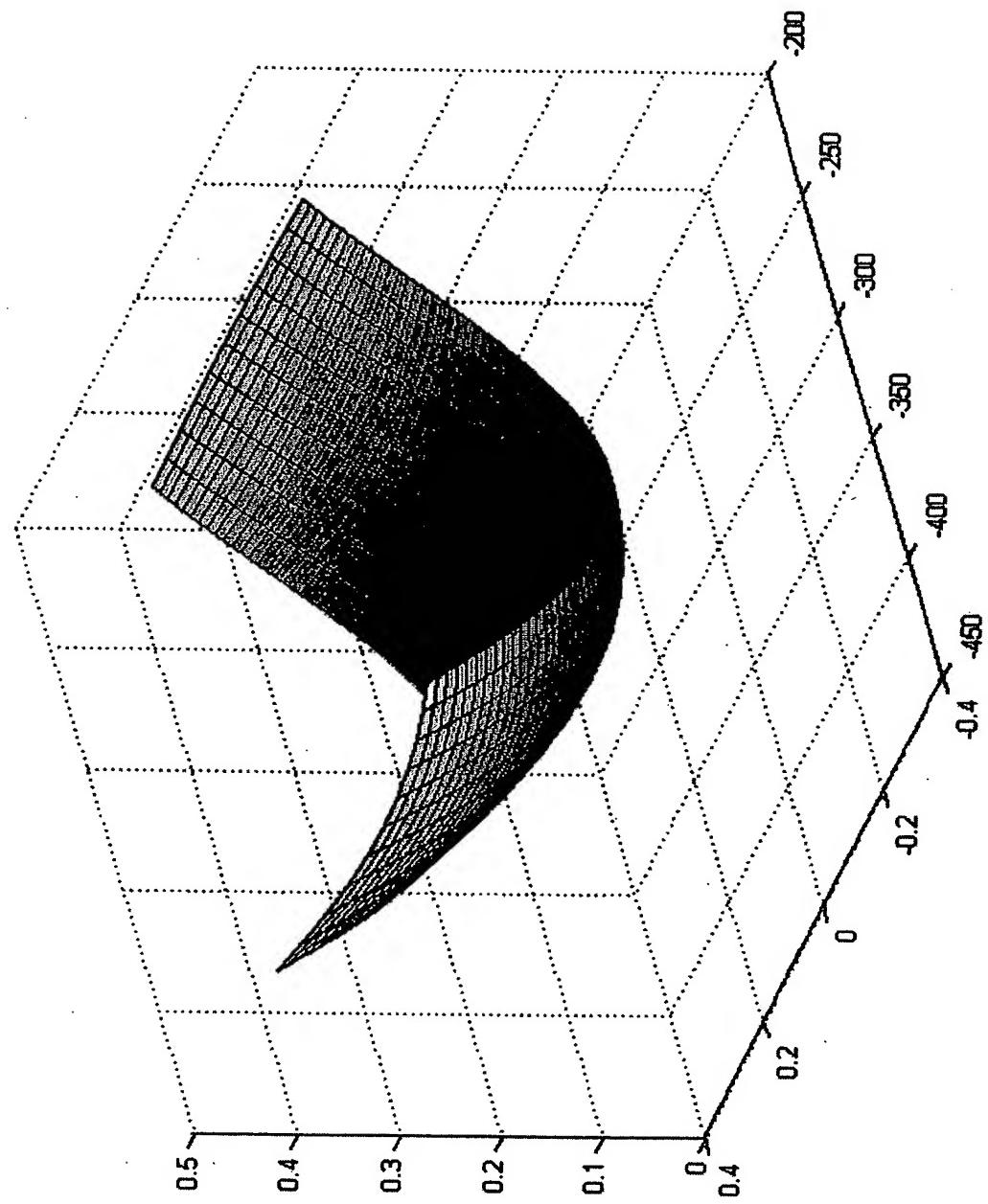
Zernike 2 +0.010 waves rms



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fig 3i

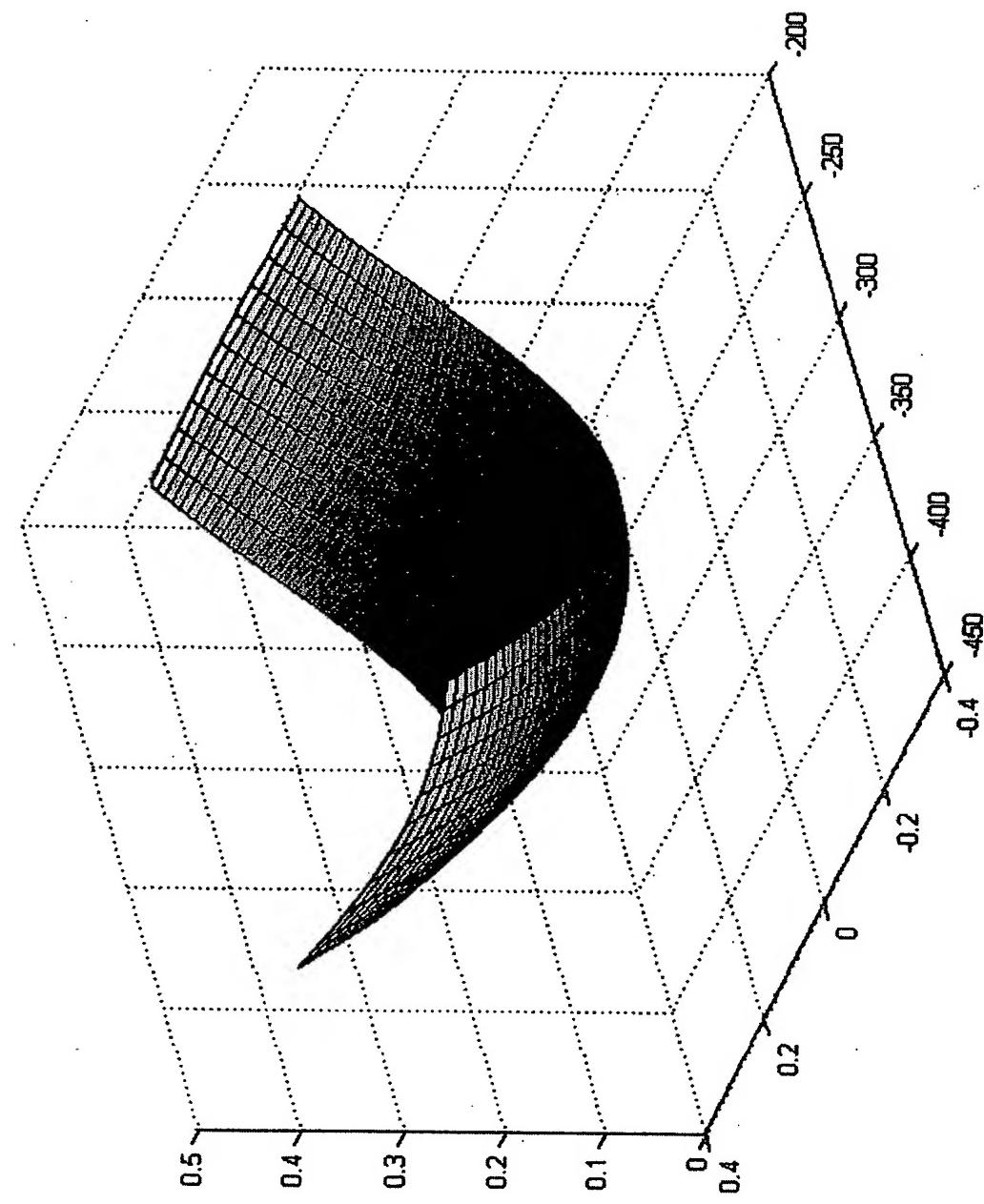
Zernike 2 +0.015 waves rms



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Zernike 2 +0.020 waves rms

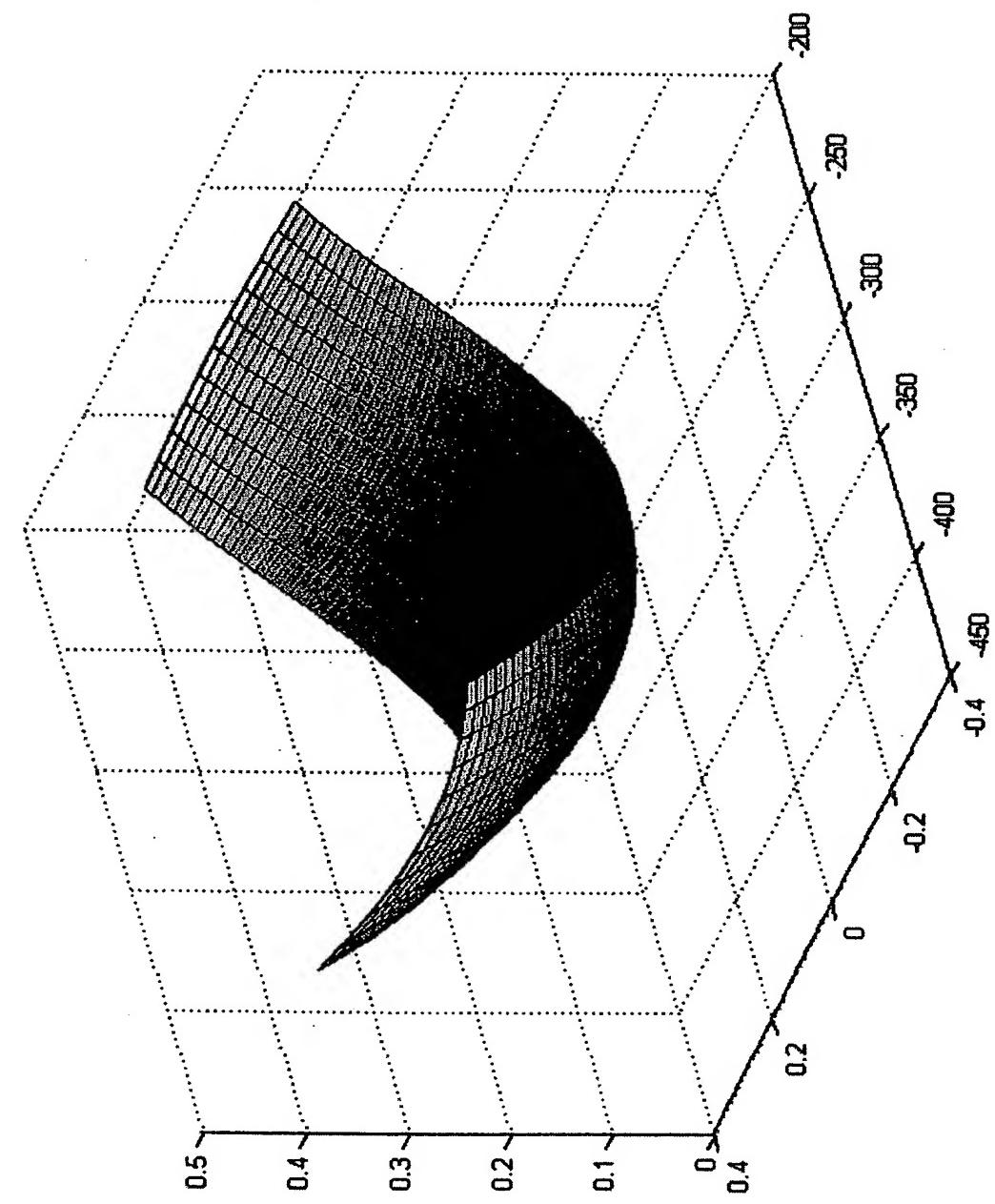
fig 3j



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fig 3k

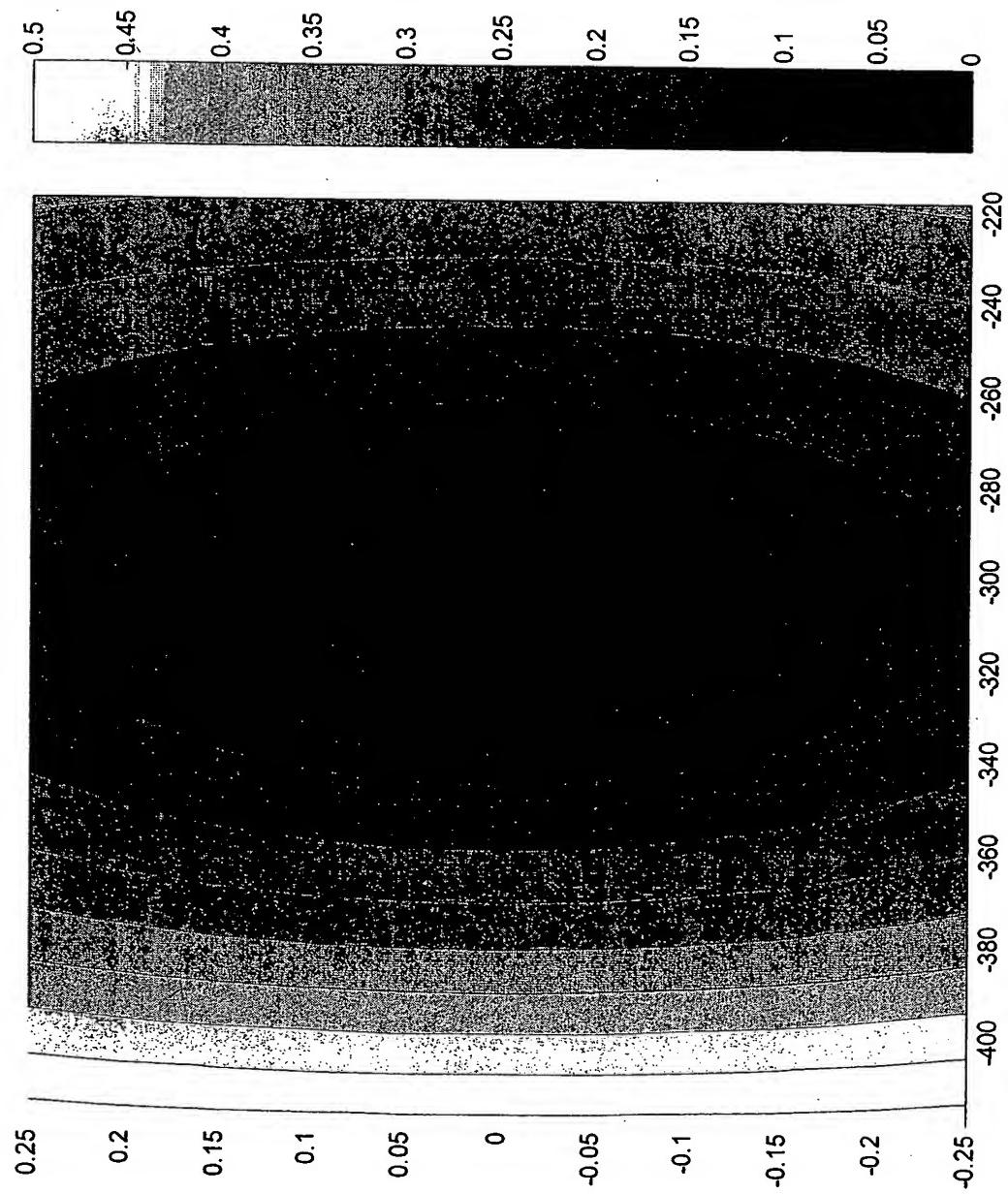
Zernike 2 +0.025 waves rms



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fig 4a

Zernike 2 -0.025 waves rms



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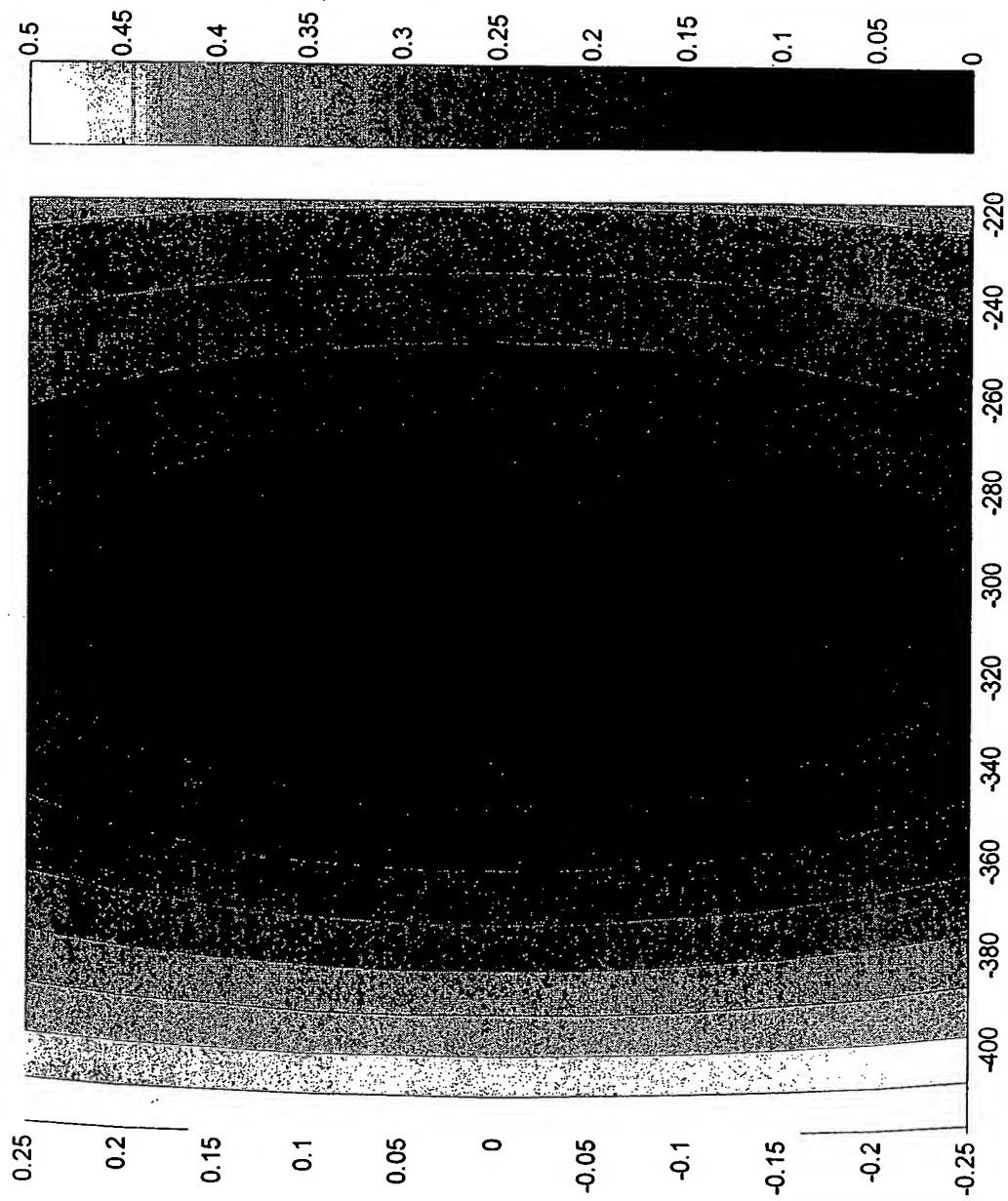


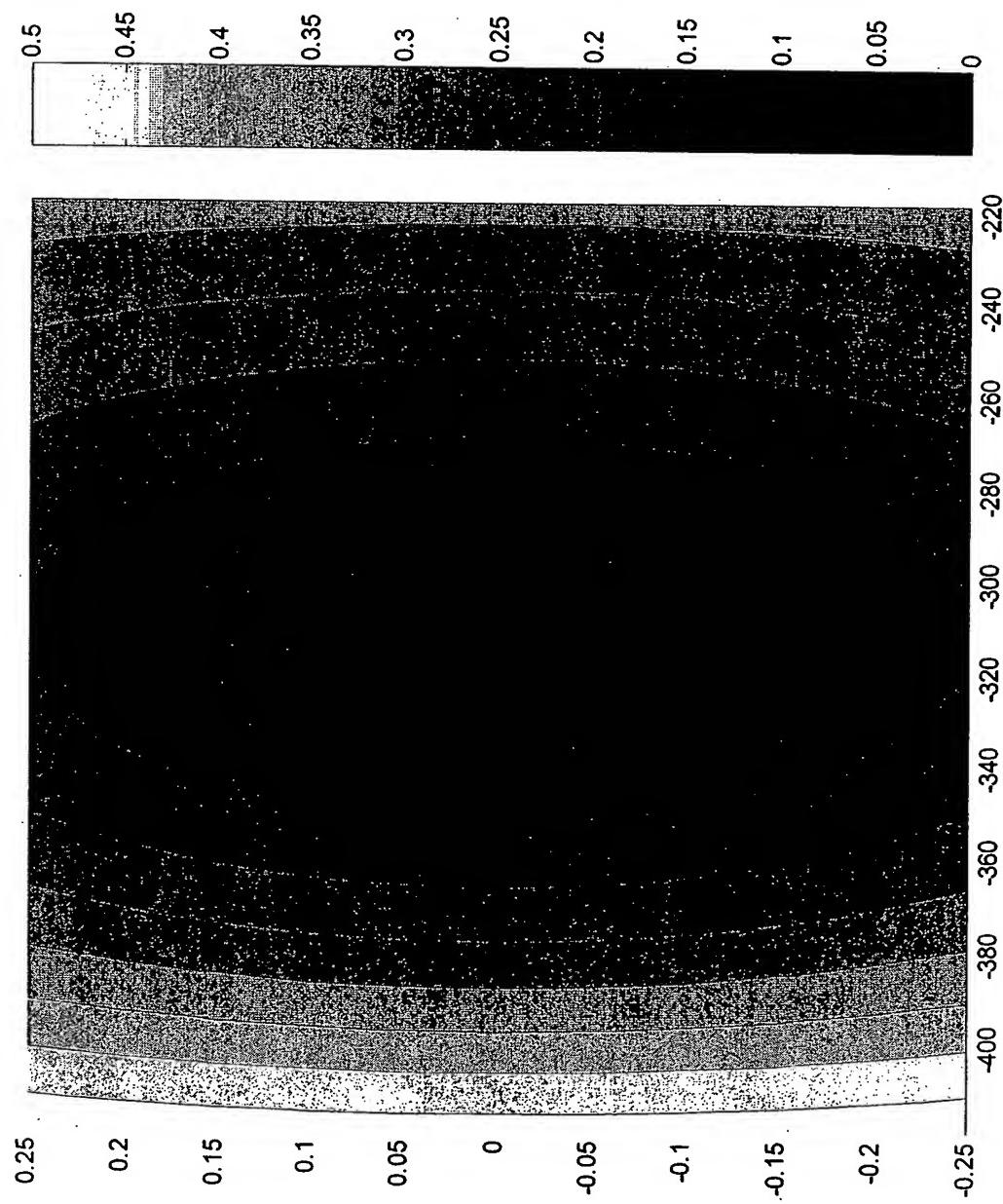
fig 4b

Zernike 2 -0.020 waves rms

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fig 4c

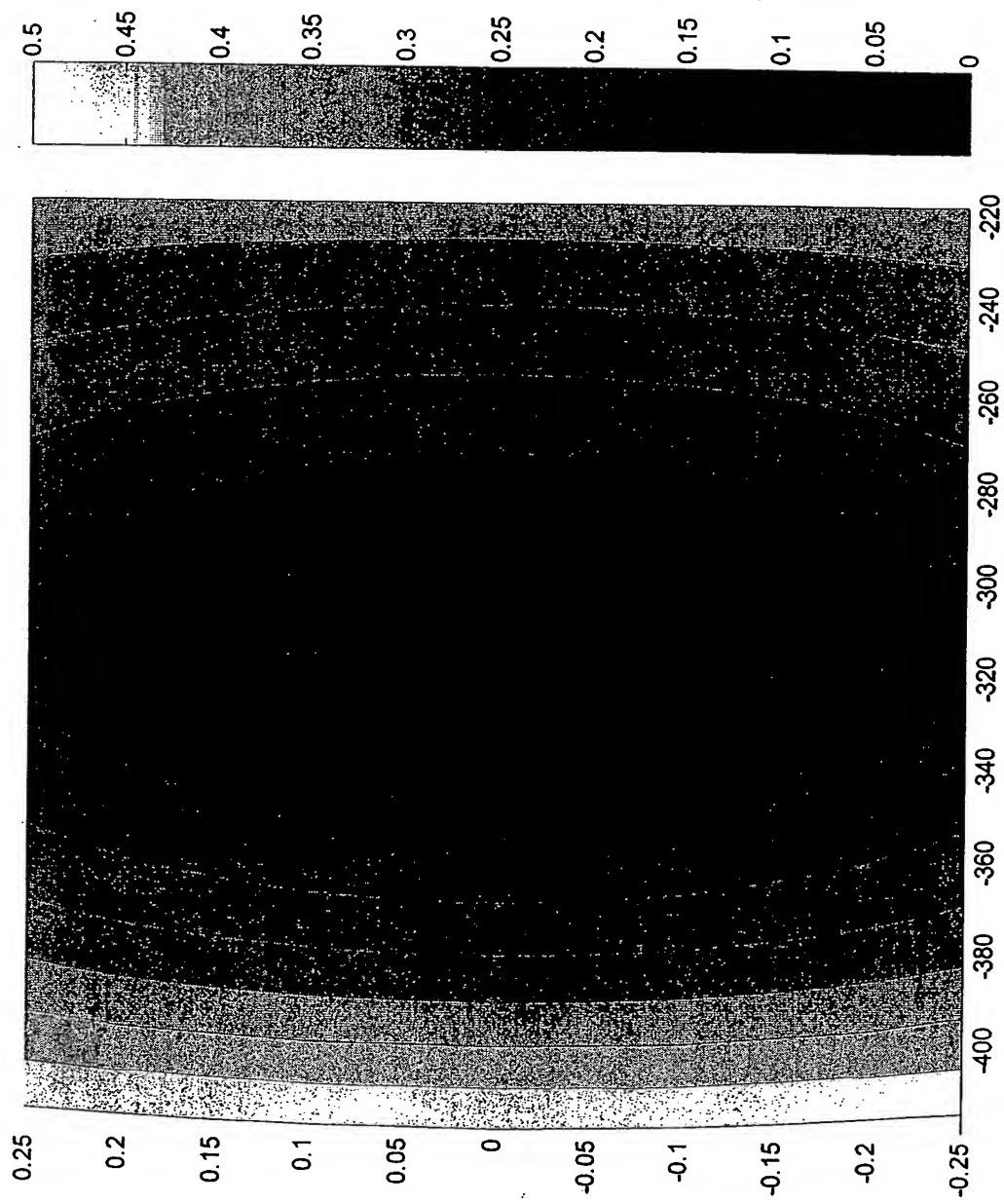
Zernike 2 -0.015 waves rms



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fig 4d

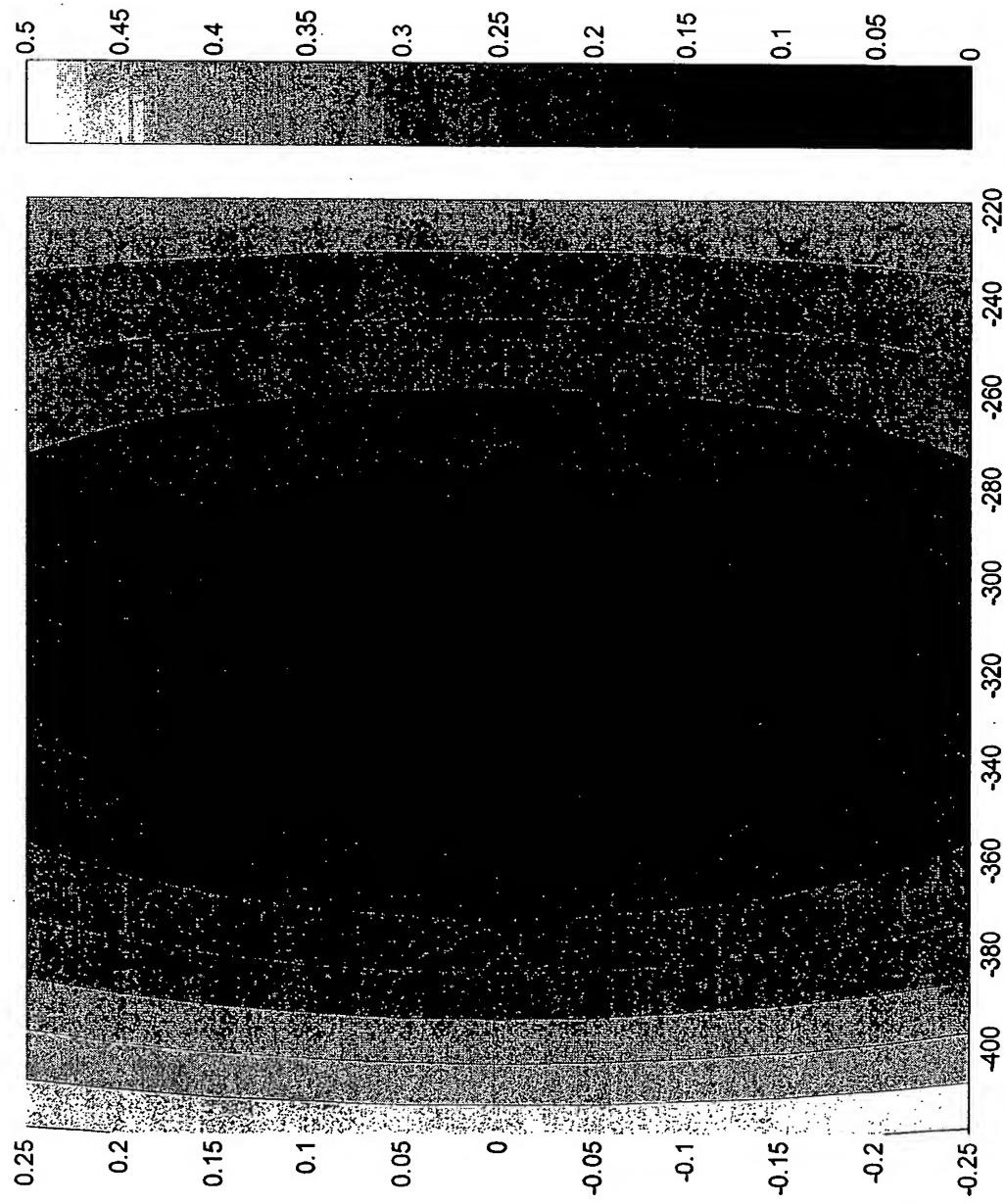
Zernike 2 -0.010 waves rms



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fig 4e

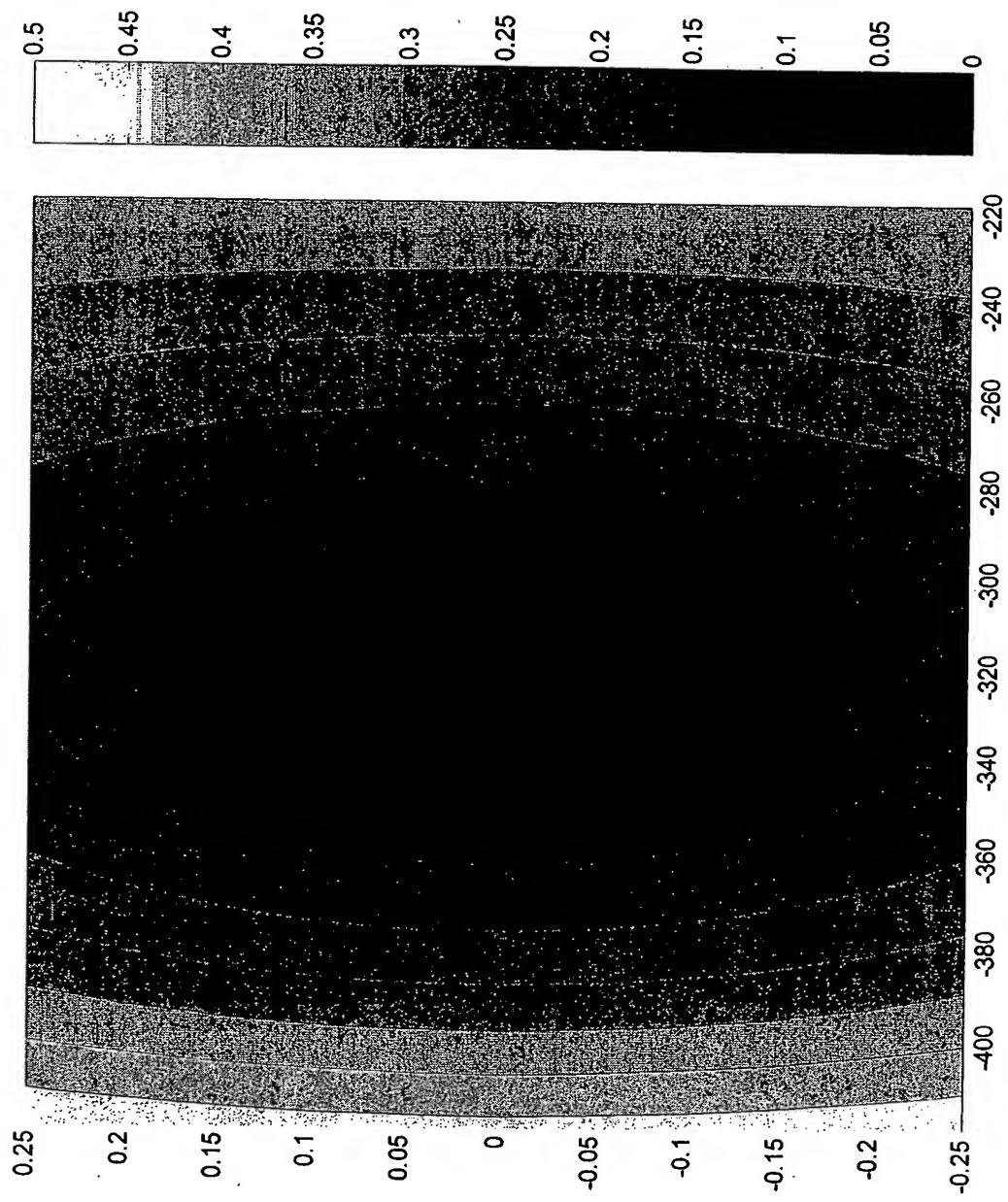
Zernike 2 -0.005 waves rms



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fig 4f

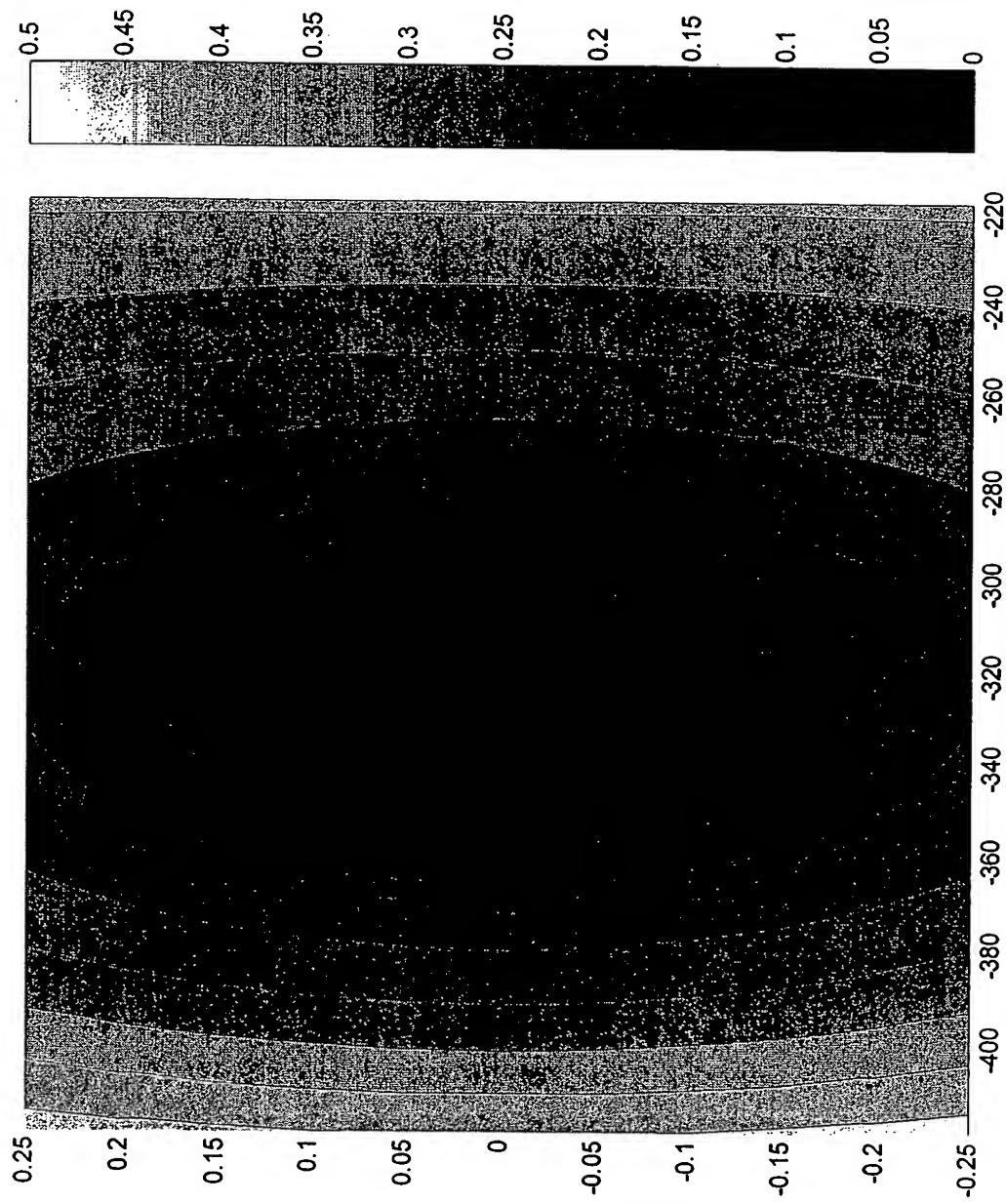
Zernike 2 0.0 waves rms =no aberration case



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fig 4g

Zernike 2 +0.005 waves rms



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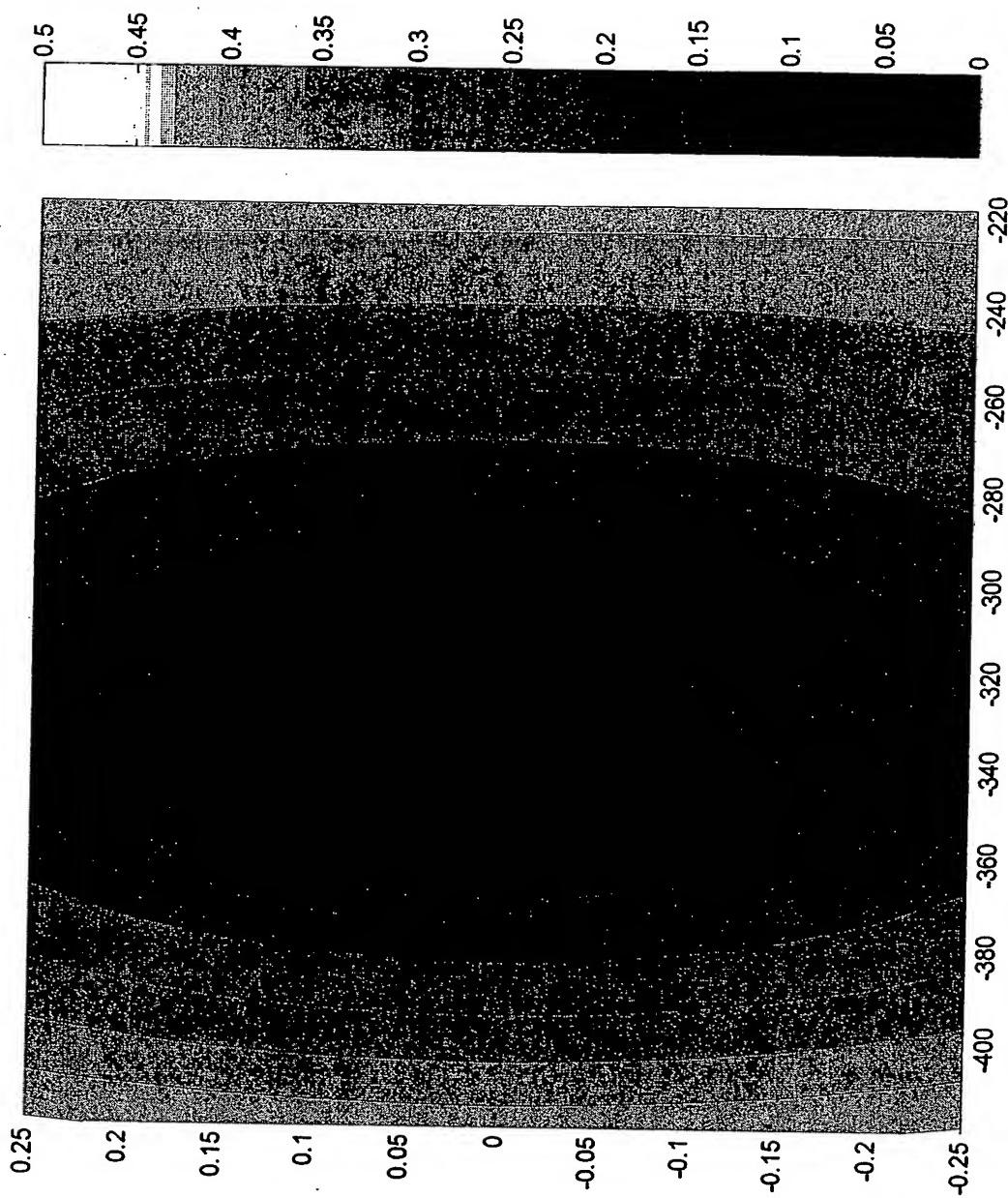


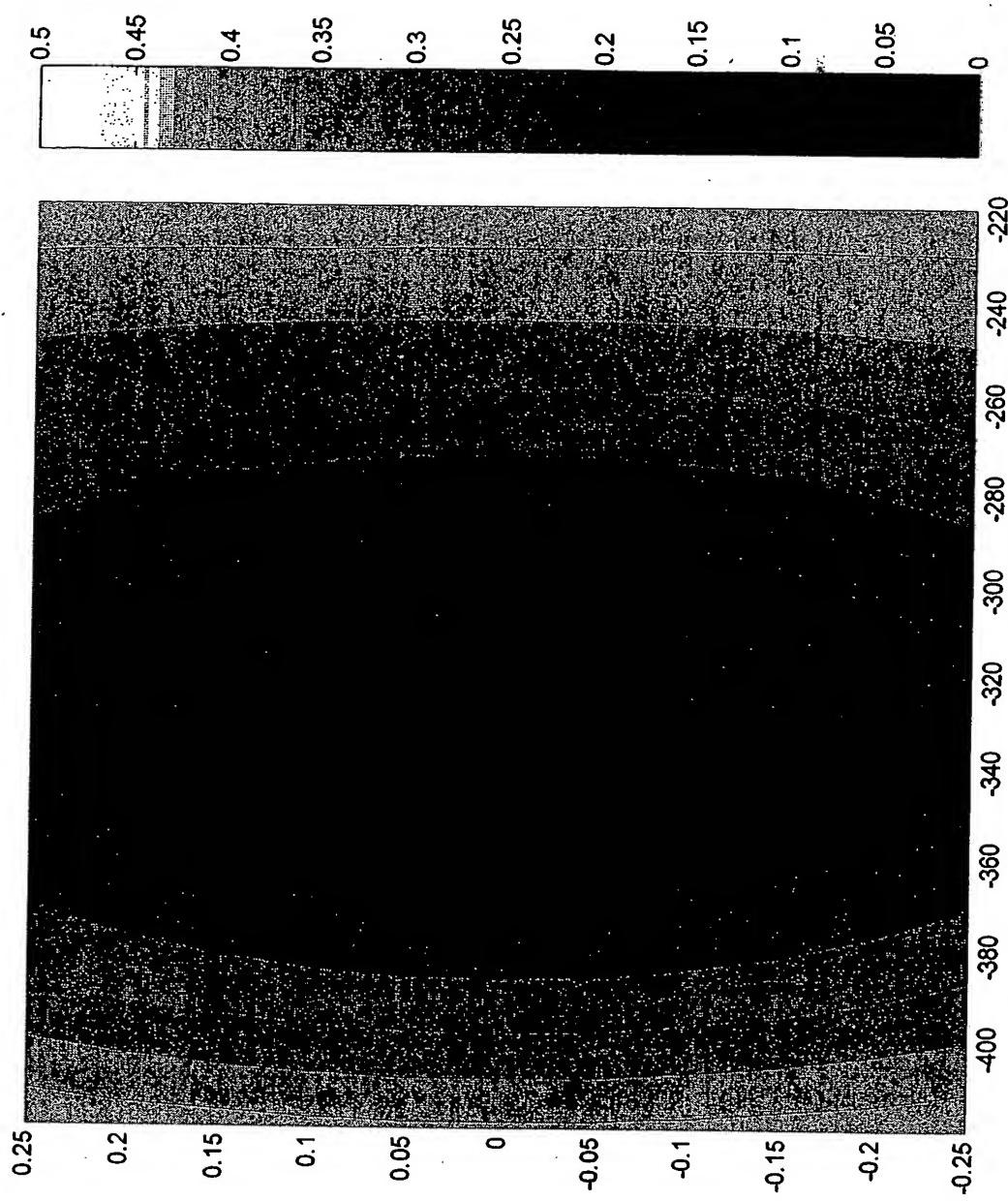
fig 4h

Zernike 2 +0.010 waves rms

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fig 4i

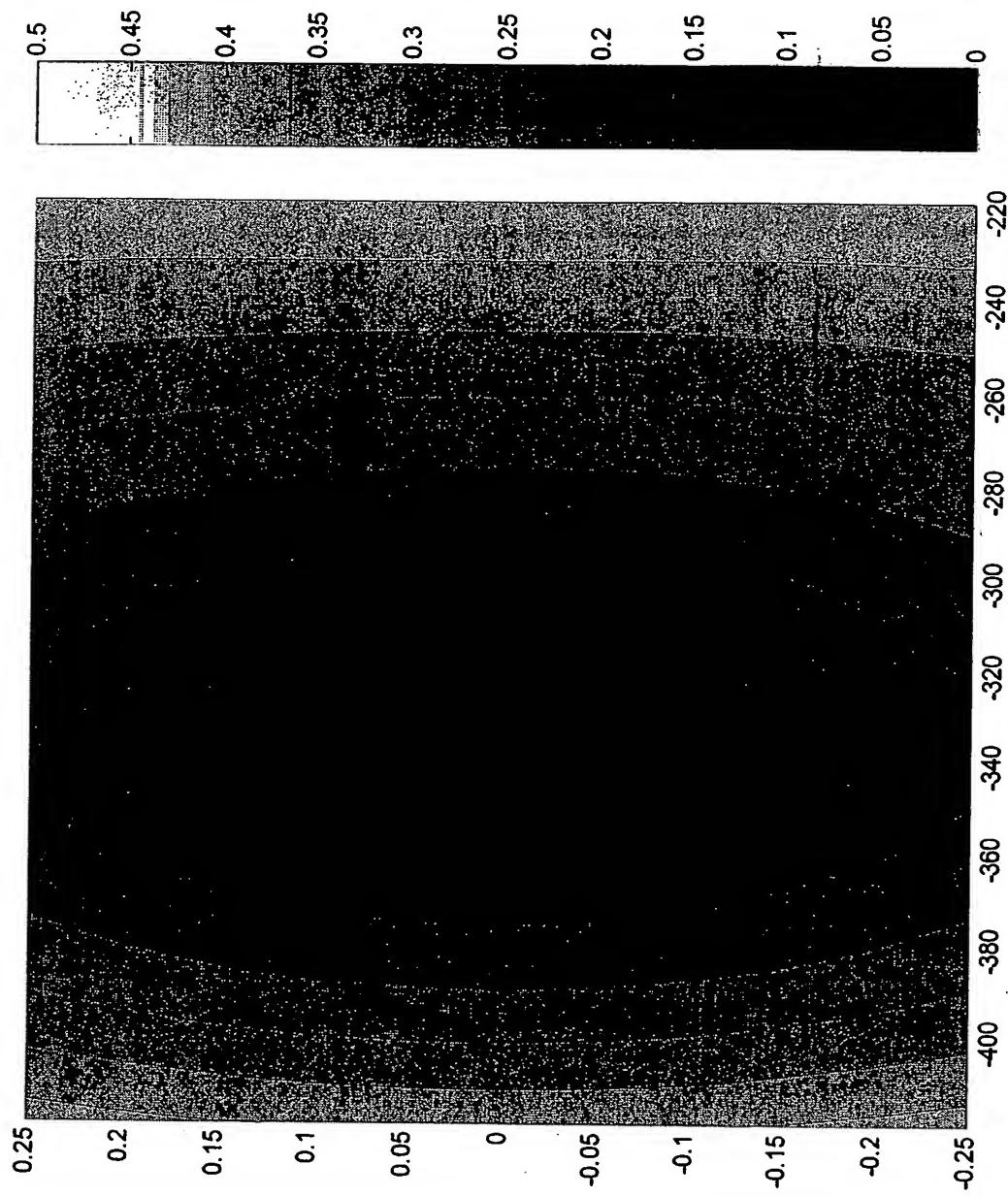
Zernike 2 +0.015 waves rms



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fig 4j

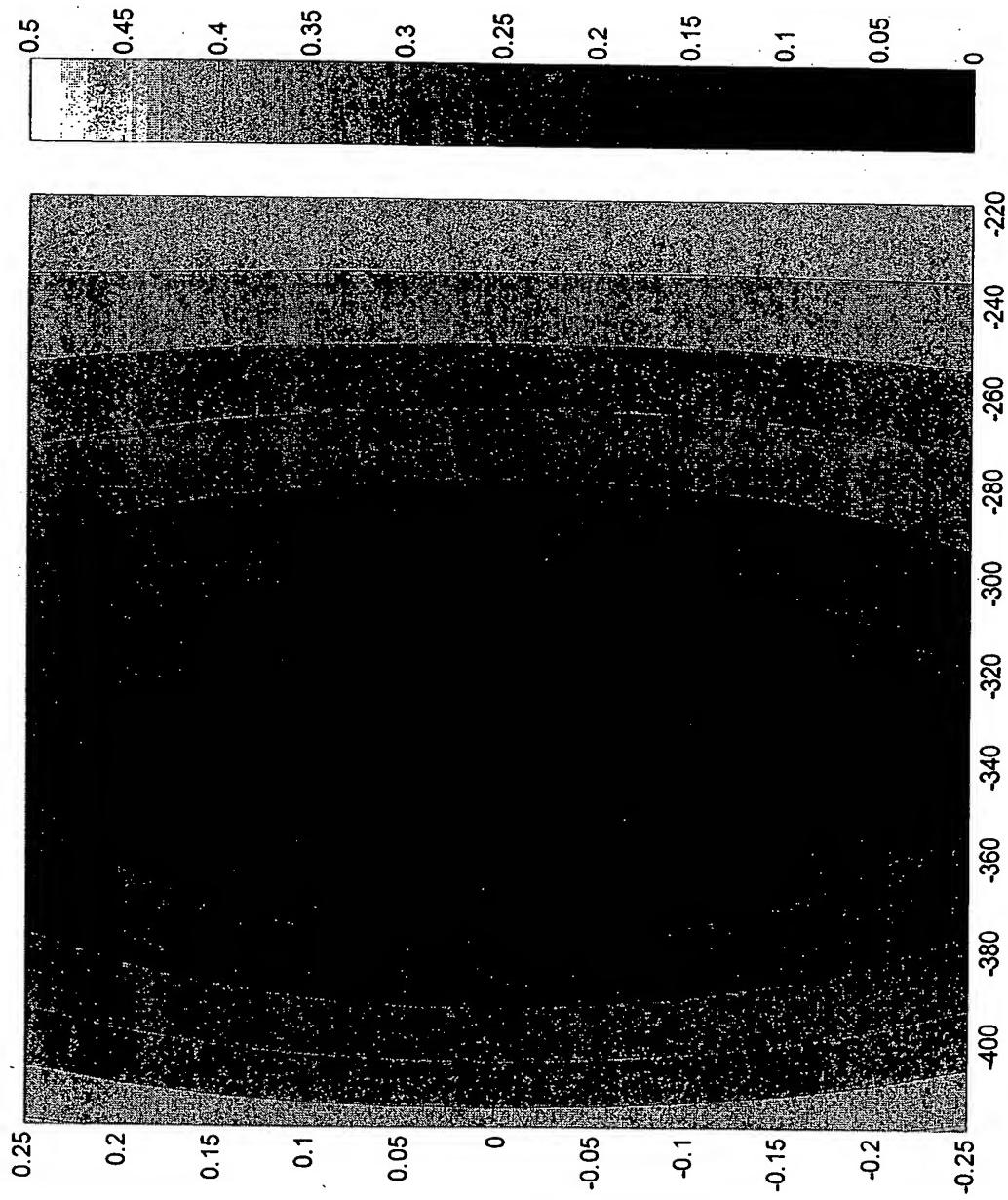
Zernike 2 +0.020 waves rms



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fig 4k

Zernike 2 +0.025 waves rms



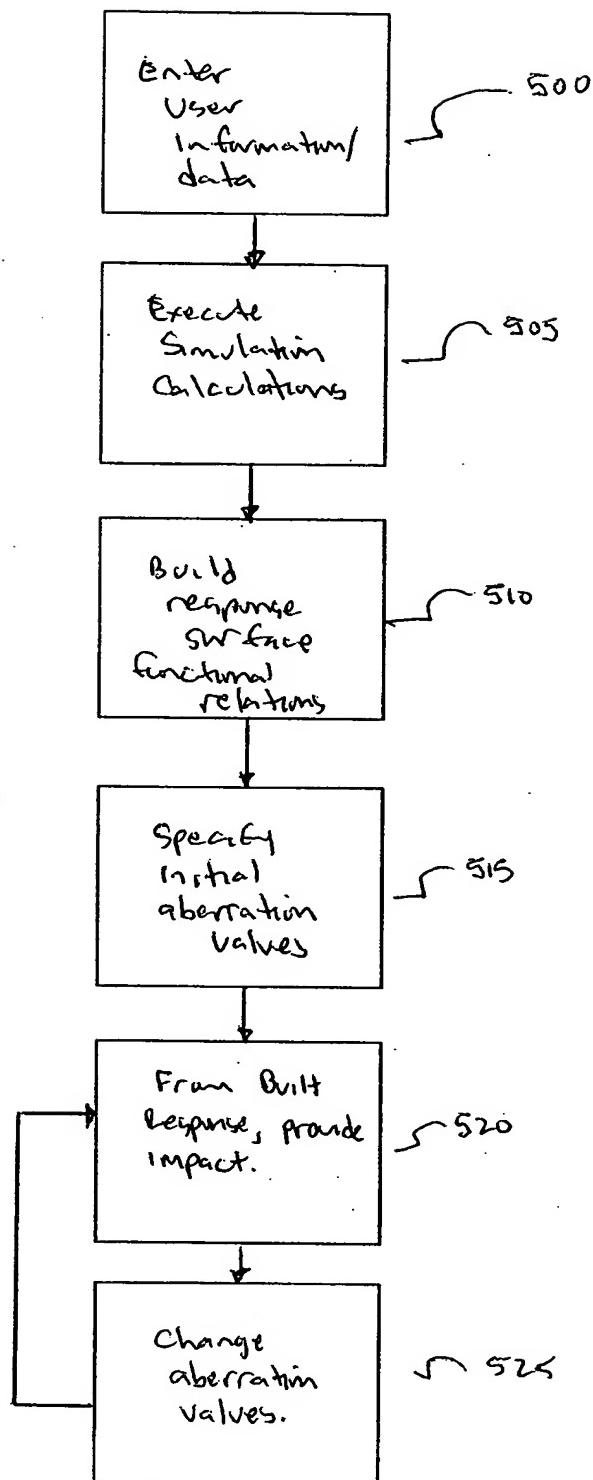


Figure 5

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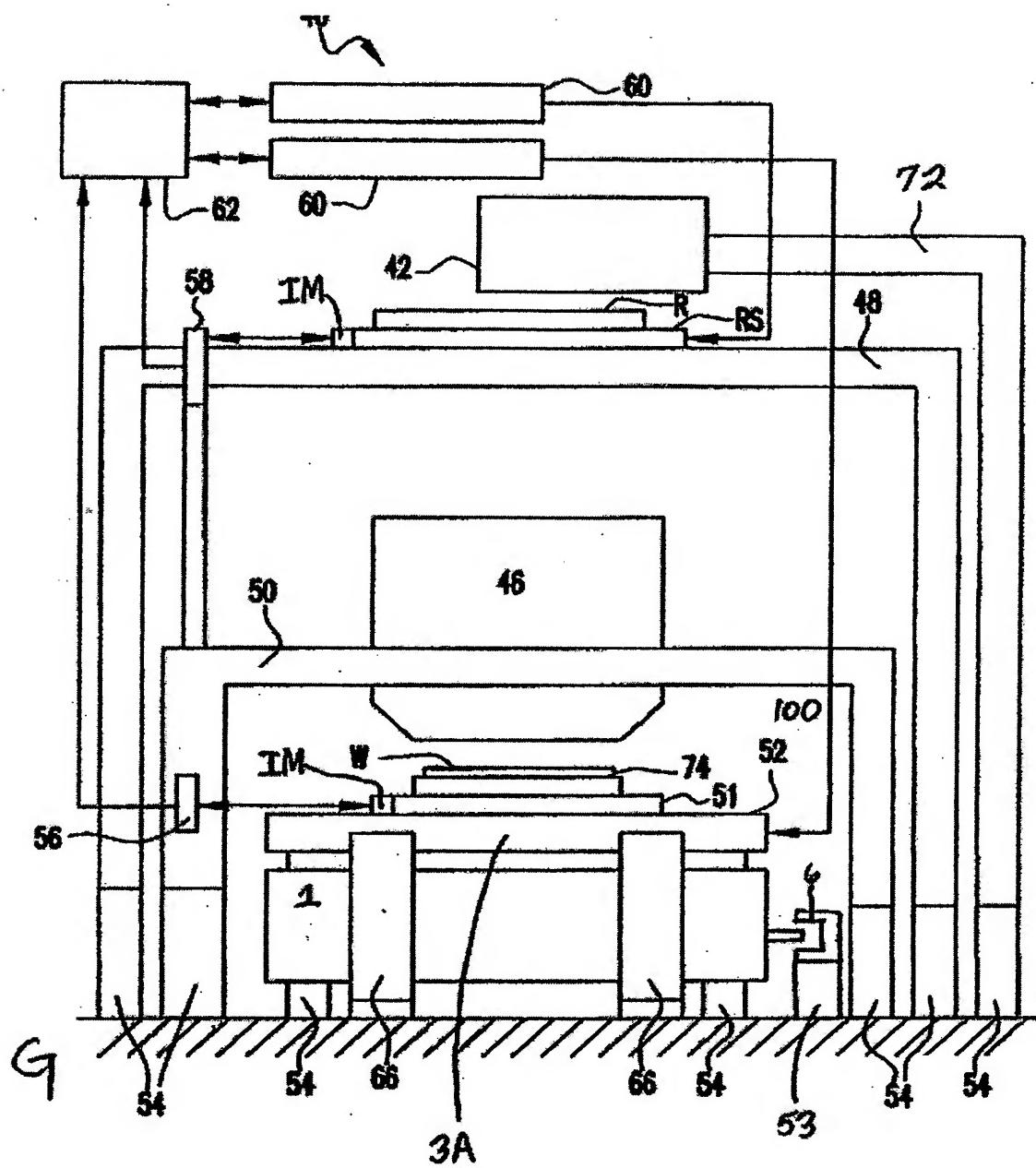


FIG. 6

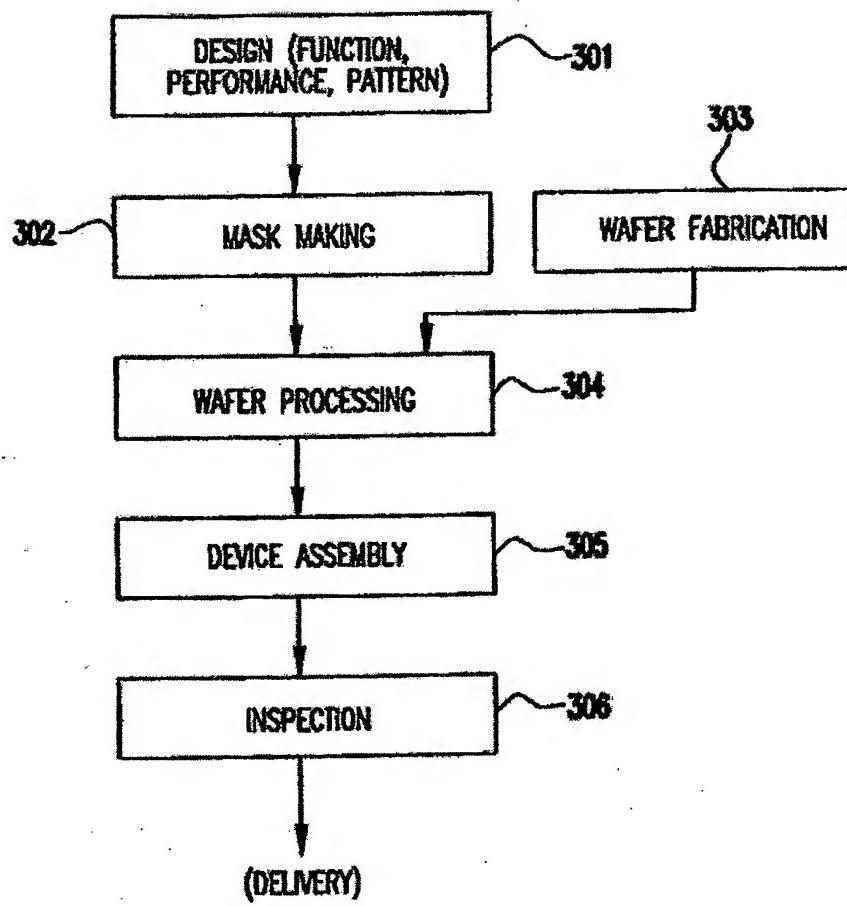


FIG. 7.

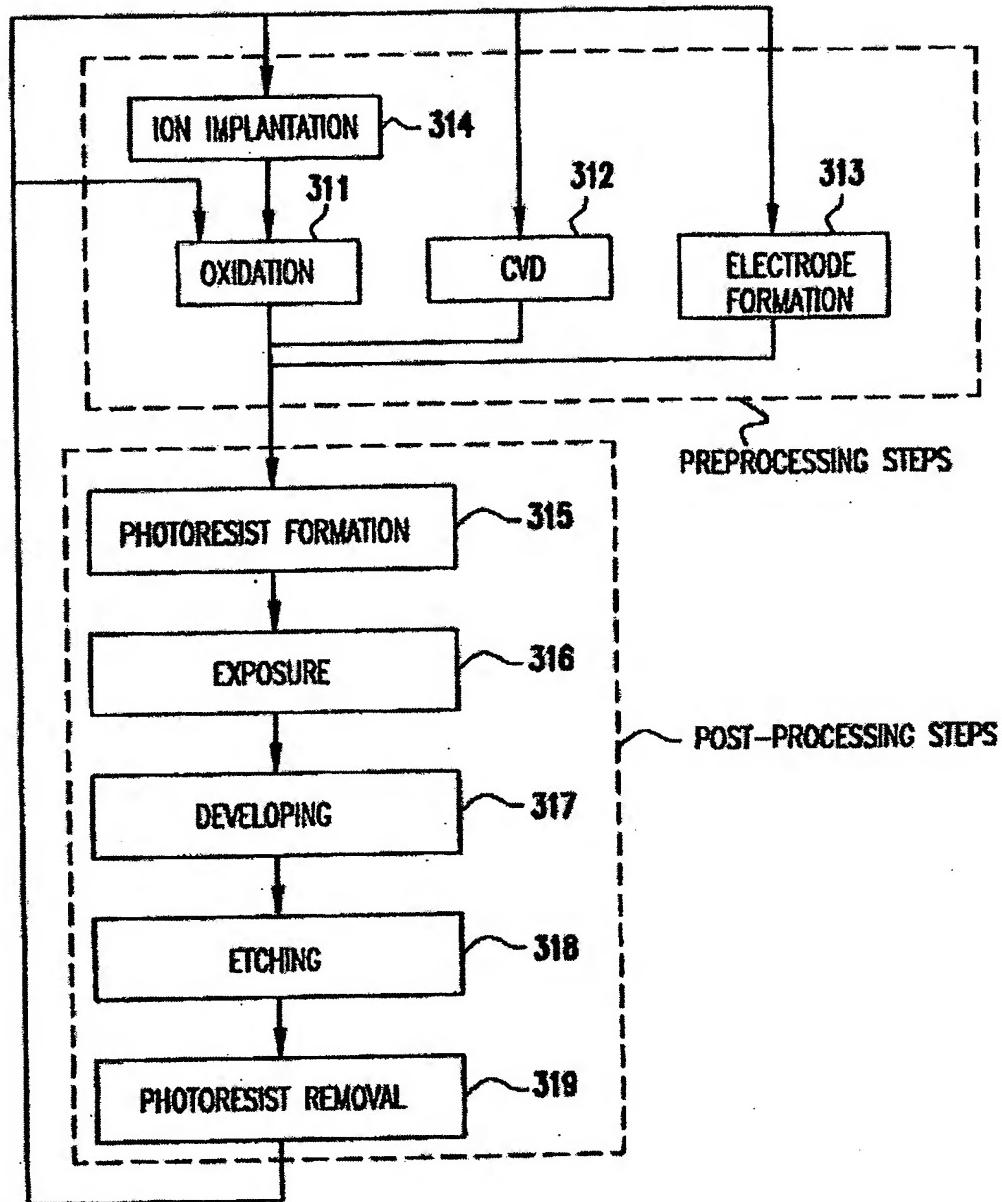


FIG. 8

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